



SfS Away from the Classroom!

ES01: Oil Spill (Recommended for Grades 3-8)

Please use the following resources to learn about Oil Spills

Watch this Video: <https://oceanoday.noaa.gov/oilinthocean>

Answer these questions:

- What are some dangers of Oil Spills?
- Name one unusual material clean up crews used to tackle the Mississippi oil spill in the video?
- What's the biggest source of oil pollution in the ocean each year?

Activities: Follow these directions to compare different methods to remove spilled oil from water

<https://www.youtube.com/watch?v=RhXwJtm4JgQ>

You will need:

<ul style="list-style-type: none">• Cookie tray• 3 bowls• food coloring (3 colors)	<ul style="list-style-type: none">• vegetable oil (or conditioner if vegetable oil isn't available)• spoons (plastic preferred)• cotton balls/ paper towels	<ul style="list-style-type: none">• popsicle stick (or other stirring tools)• dish soap• water
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Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** The best method to clean up Oil Spills is _____
 - **Evidence:**

 - **Reasoning:**
2. **Claim:** Current methods (skimmers, absorbents, dispersants) to clean up Oil Spills have pollution problems associated with them.
 - **Evidence:**

 - **Reasoning:**

